

1/9/97

- d) a polypeptide comprising the amino acid sequence encoded by the cDNA of the clone contained in ATCC Accession No. 97880;
- e) a polypeptide comprising the amino acid sequence encoded by the cDNA of the clone contained in ATCC Accession No. 97881;
- f) a polypeptide comprising the amino acid sequence encoded by the cDNA of the clone contained in NRRL Deposit No. B-21416;
- g) a polypeptide comprising [at least 542 contiguous] amino acids 1 to 844 of SEQ ID NO:7 [3]; and
- h) a polypeptide comprising [at least 542 contiguous] amino acids 850 to 1497 of SEQ ID NO:7 [3];
- i) a polypeptide comprising at least 542 contiguous amino acids of SEQ ID NO:9.

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37. (Twice Amended) The isolated polypeptide of claim 29 wherein the polypeptide comprises [at least 542 contiguous] amino acids 1 to 844 of SEQ ID NO:7 [3].

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38. (Twice Amended) The isolated polypeptide of claim 29 wherein the polypeptide comprises [at least 542 contiguous] amino acids 850 to 1497 of SEQ ID NO:7.

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43. (Twice Amended) An isolated polypeptide selected from the group consisting of:

- a) a polypeptide consisting of 542 amino acids and [comprising at least 542 contiguous amino acids] encoded by a nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:2 or its complement at 68°C in 0.1X SSC, 0.1% SDS;
- b) a polypeptide consisting of 1497 amino acids and [comprising at least 542 contiguous amino acids] encoded by a nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:6 or its complement at 68°C in 0.1X SSC, 0.1% SDS;
- c) a polypeptide consisting of 1538 amino acids and [comprising at least 542 contiguous amino acids] encoded by a nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:8 or its complement at 68°C in 0.1X SSC, 0.1% SDS;
- d) a polypeptide consisting of 542 amino acids and [comprising at least 542 contiguous amino acids] encoded by a nucleic acid molecule that hybridizes to a nucleic acid

molecule having the sequence of the cDNA of the clone contained in NRRL Deposit No. B-21426 at 68°C in 0.1X SSC, 0.1% SDS;

*ab*  
*1/2*  
*3*  
*WT*  
*9*

e) a polypeptide consisting of 1497 amino acids and [comprising at least 542 contiguous amino acids] encoded by a nucleic acid molecule that hybridizes to a nucleic acid molecule having the sequence of the cDNA of the clone contained in ATCC Accession No. 97880 at 68°C in 0.1X SSC, 0.1% SDS; and

f) a polypeptide consisting of 1533 amino acids and [comprising at least 542 contiguous amino acids] encoded by a nucleic acid molecule that hybridizes to a nucleic acid molecule having the sequence of the cDNA of the clone contained in ATCC Accession No. 97881 at 68°C in 0.1X SSC, 0.1% SDS.

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45. (Twice Amended) The isolated polypeptide of claim 43 wherein the polypeptide [comprises at least 542 contiguous] consists of 542 amino acids and is encoded by a nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:2 or its complement at 68°C in 0.1X SSC, 0.1% SDS.

46. (Twice Amended) The isolated polypeptide of claim 43 wherein the polypeptide [comprises at least 542 contiguous] consists of 1497 amino acids and is encoded by an nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:6 or its complement at 68°C in 0.1X SSC, 0.1% SDS.

47. (Twice Amended) The isolated polypeptide of claim 43 wherein the polypeptide [comprises at least 542 contiguous] consists of 1533 amino acids and is encoded by a nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:8 or its complement at 68°C in 0.1X SSC, 0.1% SDS.

48. (Twice Amended) The isolated polypeptide of claim 43 wherein the polypeptide [comprises at least 542 contiguous] consists of 542 amino acids and is encoded by a nucleic acid molecule that hybridizes to a nucleic acid molecule having the sequence of the cDNA of the clone contained in NRRL Deposit No. B-21416 at 68°C in 0.1X SSC, 0.1% SDS.

49. (Twice Amended) The isolated polypeptide of claim 43 wherein the polypeptide [comprises at least 542 contiguous] consists of 1497 amino acids and is encoded by a nucleic acid molecule that hybridizes to a nucleic acid molecule having the sequence of the cDNA of the clone contained in ATCC Accession No. 97880 at 68°C in 0.1X SSC, 0.1% SDS.

*64*  
50. (Twice Amended) The isolated polypeptide of claim 43 wherein the polypeptide [comprises at least 542 contiguous] consists of 1533 amino acids and is encoded by a nucleic acid molecule that hybridizes to a nucleic acid molecule having the sequence of the cDNA of the clone contained in ATCC Accession No. 97881 at 68°C in 0.1X SSC, 0.1% SDS.

51. (Twice Amended) An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 30 [74] nucleotides and hybridizes to the nucleic acid molecule of SEQ ID NO:2 or its complement at 68°C in 0.1X SSC, 0.1% SDS [42°C in 0.2X SSC, 0.1% SDS].

*65*  
52. (Twice Amended) An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 30 [74] nucleotides and hybridizes to the nucleic acid molecule of SEQ ID NO:6 or its complement at 68°C in 0.1X SSC, 0.1% SDS [42°C in 0.2X SSC, 0.1% SDS].

*66*  
53. (Twice Amended) An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 30 [74] nucleotides and hybridizes to the nucleic acid molecule of SEQ ID NO:8 or its complement at 68°C in 0.1X SSC, 0.1% SDS [42°C in 0.2X SSC, 0.1% SDS].

*67*  
54. (Twice Amended) An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 30 [74] nucleotides and hybridizes to a nucleic acid molecule having the sequence of the cDNA of the clone contained in NRRL Deposit No. B-21416 at 68°C in 0.1X SSC, 0.1% SDS [42°C in 0.2X SSC, 0.1% SDS].

55. (Twice Amended) An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 30 [74] nucleotides and hybridizes to a nucleic acid molecule having the